

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Patent Application**

**Inventor:** Arshad Suhail Farooqui

**Docket:** 643-004US

**Serial Number:** Not Yet Assigned

**Filing Date:** 20 June 2003

**Examiner:** Not Yet Assigned


**Group Art Unit:** Not Yet Assigned

**Title:** Additive Phase Detector and its Use in High Speed Phase-Locked Loops

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

"Express Mail" mailing label number EV330017524US;  
Date of Deposit: 20 June 2003.

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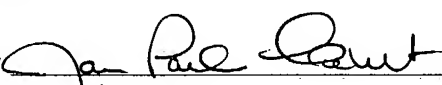
**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement,  
with attached reference(s), is submitted for consideration in the above-identified  
application.

NO FEE IS REQUIRED.

Pursuant to 37 C.F.R. 1.136(a)(3), please treat this and any concurrent or future  
reply in this application that requires a petition for an extension of time for its timely  
submission as incorporating a petition for extension of time for the appropriate length of  
time.

Respectfully,

By   
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Date: 6/20/03

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Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Application Number				Not Yet Assigned	
Filing Date				20 June 2003	
First Named Inventor				Arshad Suhail Farooqui	
Art Unit				Not Yet Assigned	
Examiner Name				Not Yet Assigned	
Attorney Docket Number				643-004us	

[illegible][illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	Not Yet Assigned
				Filing Date	20 June 2003
				First Named Inventor	Arshad Suhail Farooqui
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	643-004us
Sheet		of			

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Examiner Signature		Date Considered	
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